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Box 1450, Alexandria, VA 22313-1450, on the date below.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Grier et al.

Title:

TRANSVERSE OPTICAL ACCELERATOR AND

GENERALIZED OPTICAL

VORTICES

Appl. No.:

10/659,153

Filing Date:

9/10/2003

Examiner:

Hashmi, Zia R.

Art Unit:

2881

AMENDMENT TRANSMITTAL

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Transmitted herewith is an amendment in the above-identified application.

- [X] Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous assertion of Small Entity status.
 - [X] The fee required for additional claims is calculated below:

| | Claims As | | | | Extra | | | |
|------------------------|--------------|----------|------------|---|---------|---|------------|------------|
| | | | Previously | | Claims | | | Additional |
| | Amended | | Paid For | | Present | | Rate | Claims Fee |
| Total Claims: | 20 | <u>-</u> | 20 | = | 0 | X | \$50.00 = | \$0.00 |
| Independent Claims: | 2 | - | 3 | = | 0 | X | \$200.00 = | \$0.00 |

| | | First presentation of any Multiple Dependent Claims: | + | \$360.00 | = | \$0.00 |
|----------------------|--|---|------|-------------|------|---------|
| | | CLAIM | S FE | E TOTAL | = | \$0.00 |
| [|] | Applicant hereby petitions for an extension of time under total number of months checked below: | 37 C | .F.R. §1.13 | 6(a) | for the |
| [|] | Extension for response filed within the first month: | | \$120.00 |) | \$0.00 |
| [|] | Extension for response filed within the second month: | | \$450.00 |) | \$0.00 |
| [|] | Extension for response filed within the third month: | | \$1,020.00 |) | \$0.00 |
| [|] | Extension for response filed within the fourth month: | | \$1,590.00 |) | \$0.00 |
| [|] | Extension for response filed within the fifth month: | | \$2,160.00 |) | \$0.00 |
| EXTENSION FEE TOTAL: | | | | | | \$0.00 |
| [|] | Statutory Disclaimer Fee under 37 C.F.R. 1.20(d): | | \$130.00 |) | \$0.00 |
| | CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL: | | | | | \$0.00 |
| [| [] Small Entity Fees Apply (subtract ½ of above): | | | | • | \$0.00 |
| TOTAL FEE: | | | | | • | \$0.00 |

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 06-1450.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

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TRANSVERSE OPTICAL ACCELERATOR AND

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Z. Hashmi

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2881

AMENDMENT AND REPLY UNDER 37 CFR 1.111

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated September 19, 2005, concerning the above-referenced patent application.

Due to circumstances outlined in the enclosed Petition to Vacate Extension Fees, no extension of time is thought to be necessary in order to make this response timely. However, if after considering the Petition to Vacate, the Examiner believes that any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extension fees to Deposit Account No. 06-1450.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this document.

Remarks/Arguments begin on page 7 of this document.